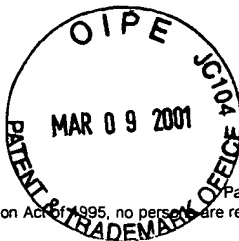


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**DECLARATION FOR UTILITY OR  
DESIGN  
PATENT APPLICATION  
(37 CFR 1.63)**

☐ Declaration Submitted with Initial Filing OR ☒ Declaration Submitted after Initial Filing (surcharge (37 CFR 1.16 (e)) required)

Attorney Docket Number

EUN-KAIST

First Named Inventor

Dai Gil Lee

**COMPLETE IF KNOWN**

Application Number

TBA

Filing Date

Herewith

Group Art Unit

Unknown

Examiner Name

Unknown

As a below named inventor, I hereby declare

My residence, post office address, and citizenship are as stated below next to my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

**POLYMER COMPOSITE SQUIRREL CAGE ROTOR WITH HIGH MAGNETIC PERMEABILITY  
FILLER OF INDUCTION MOTOR AND METHOD OF MAKING IT**

the specification of which

(Title of the Invention)

☐ is attached hereto

OR

☒ was filed on (MM/DD/YYYY)

as United States Application Number or PCT International

Application Number

TBA

and was amended on (MM/DD/YYYY)

(if applicable).

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment specifically referred to above.

I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR 1.56.

I hereby claim foreign priority benefits under 35 U.S.C. 119(a)-(d) or 365(b) of any foreign application(s) for patent or inventor's certificate, or 365(a) of any PCT international application which designated at least one country other than the United States of America, listed below and have also identified below, by checking the box, any foreign application for patent or inventor's certificate, or of any PCT international application having a filing date before that of the application on which priority is claimed.

| Prior Foreign Application<br>Number(s) | Country  | Foreign Filing Date<br>(MM/DD/YYYY) | Priority<br>Not Claimed  | Certified Copy Attached?            |                          |
|--|----------|-------------------------------------|--------------------------|-------------------------------------|--------------------------|
|  |          |                                     |                          | YES                                 | NO                       |
| 1999-49704<br>2000-04587               | KR<br>KR | 10 November 1999<br>31 January 2000 | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
|  |          |                                     | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
|  |          |                                     | <input type="checkbox"/> | <input type="checkbox"/>            | <input type="checkbox"/> |
|  |          |                                     | <input type="checkbox"/> | <input type="checkbox"/>            | <input type="checkbox"/> |

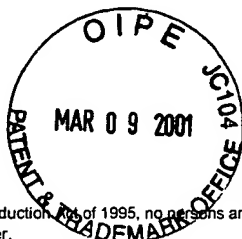
☐ Additional foreign application numbers are listed on a supplemental priority data sheet PTO/SB/02B attached hereto:

I hereby claim the benefit under 35 U.S.C. 119(e) of any United States provisional application(s) listed below.

| Application Number(s) | Filing Date (MM/DD/YYYY) | <input type="checkbox"/> Additional provisional application numbers are listed on a supplemental priority data sheet PTO/SB/02B attached hereto. |
|-----------------------|--------------------------|--|
| None                  |                          |  |

[Page 1 of 2]

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## DECLARATION — Utility or Design Patent Application

I hereby claim the benefit under 35 U.S.C. 120 of any United States application(s), or 365(c) of any PCT international application designating the United States of America, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PCT International application in the manner provided by the first paragraph of 35 U.S.C. 112, I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR 1.56 which became available between the filing date of the prior application and the national or PCT international filing date of this application.

| U. S. Parent Application or PCT Parent Number | Parent Filing Date (MM/DD/YYYY) | Parent Patent Number (if applicable) |
|---|---------------------------------|--------------------------------------|
| None  |                                 |                                      |

☐ Additional U.S. or PCT international application numbers are listed on a supplemental priority data sheet PTO/SB/02B attached hereto.

As a named inventor, I hereby appoint the following registered practitioner(s) to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith:

☐ Customer Number

OR

☒ Registered practitioner(s) name/registration number listed below

Place Customer  
Number Bar Code  
Label here

| Name                 | Registration Number | Name              | Registration Number |
|----------------------|---------------------|-------------------|---------------------|
| Thomas R. FitzGerald | 26,730              | Ronald S. Kareken | 20,573              |
| Lee J. Fleckenstein  | 36,136              | Laurence S. Roach | 45,044              |
| Ronald J. Kisicki    | 38,205              | Stephen J. Sand   | 34,716              |

☐ Additional registered practitioner(s) named on supplemental Registered Practitioner Information sheet PTO/SB/02C attached hereto.

Direct all correspondence to: ☐ Customer Number or Bar Code Label ☐ OR ☒ Correspondence address below

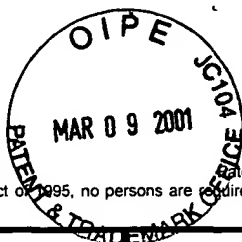
|         |                                  |           |                 |     |                |
|---------|----------------------------------|-----------|-----------------|-----|----------------|
| Name    | Thomas R. FitzGerald, Esq.       |           |                 |     |                |
| Address | JAECKLE FLEISCHMANN & MUGEL, LLP |           |                 |     |                |
| Address | 39 State Street                  |           |                 |     |                |
| City    | Rochester                        | State     | NY              | ZIP | 14614-1310     |
| Country | USA                              | Telephone | (716) 262-03640 | Fax | (716) 262-4133 |

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under 18 U.S.C. 1001 and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

|  |   |       |                        |         |               |             |               |
|--|---|-------|------------------------|---------|---------------|-------------|---------------|
| Name of Sole or First Inventor:        | <input type="checkbox"/> A petition has been filed for this unsigned inventor |       |                        |         |               |             |               |
| Given Name (first and middle (if any)) |   |       | Family Name or Surname |         |               |             |               |
| Dai Gil                                |   |       | Lee                    |         |               |             |               |
| Inventor's Signature                   |   |       |                        |         | Date          | Dec 7 2002  |               |
| Residence: City                        | Taejon  | State |                        | Country | Rep. of Korea | Citizenship | Korean        |
| Post Office Address                    | 107-302 Samsung Hanwool, Apartment 160-1 Sinseong-dong, Yusong-gu             |       |                        |         |               |             |               |
| Post Office Address                    |   |       |                        |         |               |             |               |
| City                                   | Taejon  | State |                        | ZIP     | 305-345       | Country     | Rep. of Korea |

☐ Additional inventors are being named on the 1 supplemental Additional Inventor(s) sheet(s) PTO/SB/02A attached hereto

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|--------------------|---|
| <b>DECLARATION</b> | <b>ADDITIONAL INVENTOR(S)</b><br><b>Supplemental Sheet</b><br>Page <u>1</u> of <u>1</u> |
|--------------------|---|

|   |  |  |       |   |         |               |              |
|---|--|--|-------|---|---------|---------------|--------------|
| <b>Name of Additional Joint Inventor, if any:</b> |  |  |       | <input type="checkbox"/> A petition has been filed for this unsigned inventor |         |               |              |
| Given Name (first and middle [if any])            |  |  |       | Family Name or Surname  |         |               |              |
| Seung Hwan  |  |  |       | Chang   |         |               |              |
| Inventor's Signature                              |  | <i>Chang. S.H.</i>   |       |   | Date    |               | Dec. 7, 2000 |
| Residence: City                                   |  | Taejon   | State |   | Country | Rep. of Korea | Citizenship  |
| Post Office Address                               |  | Department of Mechanical Engineering of Korea Advanced Institute of Science and Technology |       |   |         |               |              |
| Post Office Address                               |  | 373-1 Kusong-dong, Yusong-gu   |       |   |         |               |              |
| City  |  | Taejon   | State |   | ZIP     | 305-701       | Country      |
|   |  |  |       |   |         | Rep. of Korea |              |
| <b>Name of Additional Joint Inventor, if any:</b> |  |  |       | <input type="checkbox"/> A petition has been filed for this unsigned inventor |         |               |              |
| Given Name (first and middle [if any])            |  |  |       | Family Name or Surname  |         |               |              |
|   |  |  |       |   |         |               |              |
| Inventor's Signature                              |  |  |       |   | Date    |               |              |
| Residence: City                                   |  |  | State |   | Country |               | Citizenship  |
| Post Office Address                               |  |  |       |   |         |               |              |
| Post Office Address                               |  |  |       |   |         |               |              |
| City  |  |  | State |   | ZIP     |               | Country      |
|   |  |  |       |   |         |               |              |
| <b>Name of Additional Joint Inventor, if any:</b> |  |  |       | <input type="checkbox"/> A petition has been filed for this unsigned inventor |         |               |              |
| Given Name (first and middle [if any])            |  |  |       | Family Name or Surname  |         |               |              |
|   |  |  |       |   |         |               |              |
| Inventor's Signature                              |  |  |       |   | Date    |               |              |
| Residence: City                                   |  |  | State |   | Country |               | Citizenship  |
| Post Office Address                               |  |  |       |   |         |               |              |
| Post Office Address                               |  |  |       |   |         |               |              |
| City  |  |  | State |   | ZIP     |               | Country      |
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PATENT  
EUN-KAIST

IN THE UNITED STATES PATENT & TRADEMARK OFFICE

|                   |                                   |   |           |
|-------------------|-----------------------------------|---|-----------|
| Applicant:        | Dai Gil Lee, et al.               | ) | Examiner: |
|                   |                                   | ) | Unknown   |
| Application No. : | TBA                               | ) |           |
|                   |                                   | ) |           |
| Filing Date:      | Herewith                          | ) | Art Unit: |
|                   |                                   | ) | Unknown   |
| For:              | POLYMER COMPOSITE SQUIRREL CAGE   | ) |           |
|                   | ROTOR WITH HIGH MAGNETIC          | ) |           |
|                   | PERMEABILITY FILLER FOR INDUCTION | ) |           |
|                   | MOTOR AND METHOD OF MAKING IT     | ) |           |

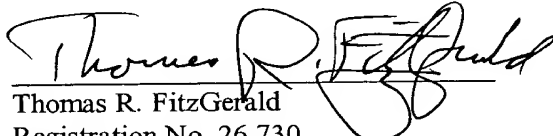
**SMALL ENTITY CERTIFICATION**  
**PURSUANT TO CFR § 1.27 & 1.28**

Assistant Commissioner for Patents  
Washington, D.C. 20231

Dear Sir:

I, Thomas R. FitzGerald, hereby certify that Korea Advanced Institute of Science and Technology located at 373-1 Kusong-dong, Yusong-gu, Taejon 305-705, Republic of Korea is a national university assisted by the government and qualifies for small entity status pursuant to CFR § 1.27 & 1.28.

Dated: 11/9/00

  
Thomas R. FitzGerald  
Registration No. 26,730  
Attorney for Applicant

Jaeckle Fleischmann & Mugel, LLP  
39 State Street  
Rochester, New York 14614  
United States of America  
Tel: (716) 262-3640  
Fax: (716) 262-4133